

WHAT IS CLAIMED IS:

Sub A. 1. Securing nut (1) with a nut body (5) and a straining ring (4) rotationally arranged on the nut body (5), the straining ring (4) being shoved onto a neck (2) of the nut body (5) and secured by clamping, characterized in that the inner surface of the straining ring (4) has at least two grooves in the form of circular splines (10a, 10b, 10c), they extend across the entire angular range of 360° , and the outer surface of the neck (2) has the same number of cams in the form of spline profiles (20a, 20b, 20c), which extend across an angular range of less than 360° .

2. Securing nut according to claim 1, further characterized in that three circular splines (10a, 10b, 10c) and three spline profiles (20a, 20b, 20c) are provided.

3. Securing nut according to claim 2, further characterized in that each circular spline (10a, 10b, 10c) of the straining ring (4) extends across an angle region of 120° .

4. Securing nut according to claim 2, further characterized in that each spline profile (20a, 20b, 20c) of the neck (2) extends across an angle region of 30° to 60° , preferably 40° to 50° , especially preferably 45° .

5. Securing nut according to claim 1, further characterized in that the gradient of the circular splines (10a, 10b, 10c) is approximately linear.

6. Securing nut according to claim 1, further characterized in that the gradient of the spline profiles (20a, 20b, 20c) is curved prior to the clamping.

7. Securing nut according to claim 1, further characterized in that the gradient of the spline profiles (20a, 20b, 20c) is approximately linear after the clamping.

8. Securing nut according to claim 5, further characterized in that the gradient of the circular splines (10a, 10b, 10c) and/or spline profiles (20a, 20b, 20c) is generated by a circular arc.

9. Securing nut according to claim 5, further characterized in that the gradient of the circular splines (10a, 10b, 10c) of the straining ring (4) is 1:50 to 1:100, preferably 1:70.

10. Securing nut according to claim 5, further characterized in that the gradient of the spline profiles (20a, 20b, 20c) of the neck (2) is 1:20 to 1:40, preferably 1:25.

11. Securing nut according to claim 1, further characterized in that the wall thickness of the neck (2) corresponds at most to 10% of the inner diameter of the neck (2).

12. Securing nut according to claim 1, further characterized in that the depth of the circular splines (10a, 10b, 10c) of the straining ring (4) and the spline profiles (20a, 20b, 20c) of the neck (2) is 1% to 3%, preferably 1.75%, of the inner diameter (d) of the straining ring (4).

13. Securing nut according to any one of the preceding claims, further characterized in that the nut body including the neck (2) is provided with an inner thread (3).

14. Method for producing a securing nut according to claim 1, characterized in that the nut body (5) is pressed in the form of a rough blank without inner thread (3), the neck (2) having a greater wall thickness than is desired, and subsequently the wall thickness of the neck (2) is adjusted and the inner thread (3) is generated.

15. Method according to claim 14, characterized in that the nut body (5) is pressed in the form of a rough blank without spline profiles (20a, 20b, 20c) and subsequently the spline profiles (20a, 20b, 20c) are introduced by cutting machining.

16. Method according to claim 14 or 15, further characterized in that the straining ring (4) is pressed in ready form.